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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/650,016

08/27/2003

Hiroyuki Shigei

FUJY 20.598

6472

26304

7590

04/21/2006

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EXAMINER

UNELUS, ERNEST

ART UNIT

PAPER NUMBER

2187

DATE MAILED: 04/21/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.		Applicant(s)	
	10/650,016		SHIGEI, HIROYUKI	
	Examiner		Art Unit	
	Ernest Unelus		2187	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 August 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-4 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 27 August 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

Supervisory
Fritz Fleming
PRIMARY EXAMINER 4/17/2006
GROUP 2100
A42181

DETAILED ACTION

1. The instant application having Application No. 10/650,016 has a preliminary amended dated on 08/27/2006, which resulted with a total of 4 claims pending in the application; This information is also disclosed on the application fee determination record effective December 8, 2004. There is one independent claim and 3 dependent claims, all of which are ready for examination by the examiner.

I. INFORMATION CONCERNING OATH/DECLARATION

Oath/Declaration

2. The applicant's oath/declaration has been reviewed by the examiner and is found to conform to the requirements prescribed in 37 C.F.R. 1.63.

II. INFORMATION CONCERNING DRAWINGS

Drawings

3. The applicant's drawings submitted are acceptable for examination purposes.

III. REJECTIONS BASED ON PRIOR ART

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

Art Unit: 2187

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-4 are rejected under 35 U.S.C. 102(e) as being anticipated by

Gerszberg et al. (US pat. 6,510,152).

4. As per **claim 1**, Gerszberg discloses a route control device (**integrated residential gateway 22 in fig. 1A**) which can be disposed between a plurality of first devices (**devices 10, in fig. 1A**) and a second device (**edge router 38 in fig. 1A**) for providing a service to said first devices, comprising:

a plurality of I/O modules (**110 in fig. 2**), to which said first devices can be connected, inputting and outputting data to said first devices thereto (**col. 9, lines 28-53 and figure 2 discloses that the devices are connected to input and receive data the internet or a network**); a service storage (**RAM 103 in fig. 2**) module storing a service that should be provided from said second device to said first devices connecting to said I/O module in a way that maps the service to each said I/O modules (**col. 9, lines 62-66 discloses that the integrated residential gateway 22 is able to store services for the plurality of devices that may be connected to the gateway 22**); a service determining module searching through said service storage module and thus determining the service that should be provided to said first devices connecting to any one of said I/O modules (**col. 9, line 58 to col. 10, line 3**); and a service request module requesting said second device to provide the service determined by said service determining module to said first devices concerned (**col. 9, line 66 to col. 10, line 3**).

discloses that a service can be preconfigured for selected customers).

5. As per **claim 2**, Gerszberg discloses “the device of claim 1,”[**see rejection to claim 1 above**] “further comprising a setting module setting a content stored on said service storage module in accordance with an input from said first devices (**col. 10, lines 14-19 discloses “For example, the user may utilize their remote control to enter preference data that may be stored by a set top device for uploading to the IRG or may utilize their visionphone terminal or personal computer terminal, all of which are coupled to the IRG”**).

6. As per **claim 3**, Gerszberg discloses “wherein said setting module provides said first devices with a user interface (**the user’s remote control**) for setting a content stored on said service storage module, and sets the content stored on said service storage module on the basis of data inputted via said user interface (**col. 10, lines 14-19 discloses “For example, the user may utilize their remote control to enter preference data that may be stored by a set top device for uploading to the IRG or may utilize their visionphone terminal or personal computer terminal, all of which are coupled to the IRG”**).

7. As per **claim 4**, Gerszberg further discloses comprising a link detection module detecting said I/O module with an established link to said first devices among said plurality of I/O modules (**col. 9, line 28-67 discloses how a link is being detected**), wherein said service determining module determines the service that should be

Art Unit: 2187

provided to said first devices connecting to said I/O module detected by said link detection module (**col. 9, line 58 to col. 10, line 3**, and said service determining module and said service request module operate when said link detection module detects the establishment of the link (**col. 9, line 58 to col. 10, line 3**).

IV. RELEVANT ART CITED BY THE EXAMINER

8. The following prior art made of record and not relied upon is cited to establish the level of skill in the applicant's art and those arts considered reasonably pertinent to applicant's disclosure. See MPEP 707.05(c).

9. The following references teach a route control device which can be disposed between a plurality of first devices..

U.S. PATENT NUMBER

US 2003/0037163

US 2002/0141389

VII. CLOSING COMMENTS

Conclusion

a. STATUS OF CLAIMS IN THE APPLICATION

10. The following is a summary of the treatment and status of all claims in the application as recommended by **M.P.E.P. 707.07(i)**:

a (1) CLAIMS REJECTED IN THE APPLICATION

11. Per the instant office action, claims 1-4 have received a first action on the merits and are subject of a first action non-final.

b. DIRECTION OF FUTURE CORRESPONDENCES

12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ernest Unelus whose telephone number is (571) 272-8596. The examiner can normally be reached on Monday to Friday 9:00 AM to 5:00 PM.

IMPORTANT NOTE

13. If attempts to reach the above noted Examiner by telephone are unsuccessful, the Examiner's supervisor, Mr. Donald Sparks, can be reached at the following telephone number: Area Code (571) 272-4201.

The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PMR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217- 91 97 (toll-free).

March 31, 2006

Fritz Fleming
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